

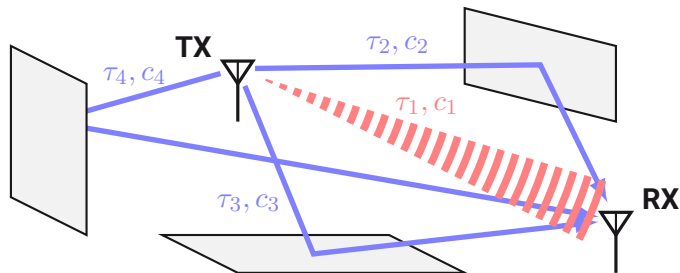
Multipath Fading Demonstration Platform using Software Defined Radio

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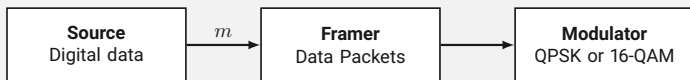
Multipath fading



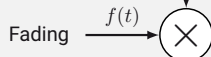
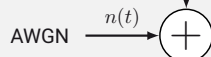
$$r(t) = \sum_k c_k s(t - \tau_k).$$

Block Diagram

Transmitter

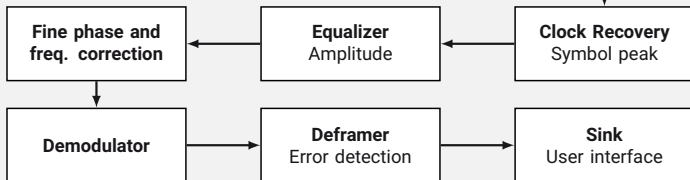


Channel Model

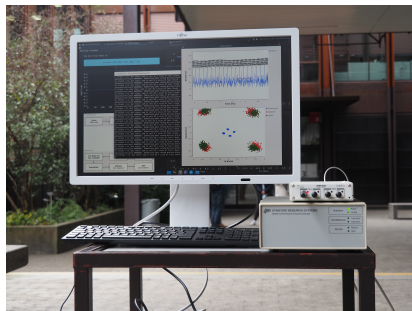


$r(t)$

Receiver



Transmitter and Receiver Chains



Graphical User Interface

